

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A video transmitting apparatus for layered-coding and transmitting input video as a video stream of a base layer and an enhancement layer, the video transmitting apparatus comprising:

a first coding section that codes the base layer;

a calculating section that calculates divided regions in coding the enhancement layer; and

a second coding section that performs intra-frame coding on the enhancement layer for each calculated divided region; and

a first generating section that generates information related to a storing position of the coded enhancement layer for each calculated divided region in the video stream.

2. (Amended) The video transmitting apparatus according to claim 1, further comprising [[:]]

~~—— a first generating section that generates information related to a storing position of the coded enhancement layer for each calculated divided region; and~~

an extracting section that extracts video data of a specific region from the coded enhancement layer using the generated storing position information.

3. (Currently Amended) The video transmitting apparatus according to claim 1, wherein the calculating section calculates divided regions where ~~so that~~ regions having same or similar motion vectors are the same region in the enhancement layer.

4. (Original) The video transmitting apparatus according to claim 1, wherein the calculating section calculates divided regions so that a specific region in video is divided into small regions.

5. (Currently Amended) The video transmitting apparatus according to claim 1, wherein the calculating section calculates divided regions so that a size of each region becomes equal to a detection result of ~~an~~ a specific object.

6. (Original) The video transmitting apparatus according to claim 1, wherein the calculating section calculates divided regions so that a central part of a screen is divided into fine regions.

7. (Currently Amended) The video transmitting apparatus according to claim 1, further comprising an acquiring section that acquires information related to the a specific region,

wherein the calculating section calculates divided regions using the acquired specific region information ~~relate to the region of interest~~.

8. (Original) The video transmitting apparatus according to claim 1, further comprising a first transmitting section that transmits information related to the calculated divided regions.

9. (Original) The video transmitting apparatus according to claim 1 further comprising:

a second generating section that generates decoding region information indicating a region that requires decoding to decode the coded enhancement layer in the coded base layer; and

a second transmitting section that transmits the generated decoding region information.

10. (Currently Amended) The video transmitting apparatus according to claim 9, wherein the second transmitting section stores the generated decoding region information in a video stream ~~user-region~~ of the coded base layer and performs transmission.

11. (Original) A video receiving apparatus for receiving a video stream transmitted from the video transmitting apparatus according to claim 1, the video receiving apparatus comprising:

- a first receiving section that receives a coded base layer;
- a first decoding section that decodes the received coded base layer;
- a second receiving section that receives a coded enhancement

layer;

- a second decoding section that decodes the received coded enhancement layer;

- a first synthesis section that synthesizes the decoded base layer and the decoded enhancement layer; and

- a display section that displays the synthesis result of the first synthesis section.

12. (Currently Amended) The video receiving apparatus according to claim 8 44, for receiving a video stream transmitted from the video transmitting apparatus ~~according to claim 8~~, the video receiving apparatus comprising:

a third receiving section that receives transmitted divided region information;

a second synthesis section that synthesizes the received divided region information with a decoded base layer; and

a setting section that sets a region of interest by a specification by a user,

wherein the display section displays a synthesis result of the second synthesis section on a same screen or on a separate screen with the synthesis result of the first synthesis section.

13. (Original) The video receiving apparatus according to claim 11, further comprising:

a specifying section that specifies divided regions in coding the enhancement layer; and

a third transmitting section that transmits a specifying result of the specifying section.

14. (Original) The video receiving apparatus according to claim 11, further comprising a receiving section that receives the decoding region information,

wherein the first decoding section performs decoding processing using the received decoding region information.

15. (Original) The video receiving apparatus according to claim 14, wherein the first decoding section expands a region included in the received decoding region information in a direction of a motion vector, and performs decoding processing using the expanded decoding region information.

16.(Currently Amended) A video transmitting method of layered-coding and transmitting input video as a video stream of a base layer and an enhancement layer, the method comprising:

a first coding step of coding the base layer;

a calculating step of calculating divided regions in coding the enhancement layer; and

a second coding step of intra-frame coding the enhancement layer for each divided region calculated in the calculating step; and

a first generating step for generating information related to storing position in the video stream for each divided region calculated in the calculating step of the enhancement layer coded in the second coding step.

17. (Original) A video receiving method for receiving a video stream transmitted using the video transmitting method according to claim 16, the video receiving method comprising:

- a first receiving step of receiving the coded base layer;

- a first decoding step of decoding the coded base layer received in the first receiving step;

- a second receiving step of receiving a coded enhancement layer;

- a second decoding step of decoding the coded enhancement layer received in the second receiving step;

- a synthesis step of synthesizing the base layer decoded in the first decoding step and the enhancement layer decoded in the second decoding step; and

- a displaying step of displaying a synthesis result in the synthesis step.